

## Agricultural Department.

### The Profitable Cow.

Mr. Gurler, the noted Illinois dairyman, has had experience with 100 cows on an average of thirty years. So he calls that 3,000 years of experience. Well, Mr. Gurler would learn more from one cow in one year than some men would if they had all the cows in Illinois. But he says considerable about this matter of net profit with a cow. A great host of men must keep cows, but few however seem to have learned the principle of securing a good profit from their cows. Something is lacking, for when we send a census taker among them and he commences to dig into the facts, which, strange to say, they never had done, he finds that either they have the wrong kind of cows or do not feed enough, or they feed with wrong ideas and judgment, or they do not keep their cows in good health, vigor and comfort.

Something is the matter somewhere to cut down their profits. One man was frank and honest enough to tell us once that the difficulty with him for 20 years was that he did not know enough about the business of keeping cows. "I thought it was so simple a thing," he said, "that any man could do it. But the moment I commenced to read and study I saw I was way off in my notions. Now I am making some money on my cows."

Mr. Gurler's favorite way is to show the enormous difference in profit between the cow that yields 400 pounds of butter a year and the one that yields 200 lbs. Well, the difference is enormous. Let us figure on it for a moment. Last year it cost \$33.25 per cow to keep the Hoard's Dairyman herd. We will take a herd we know something about. Calling the average price of butter for the year 25 cents, it would require 133 pounds of butter to pay the cost of keep. If it cost less than \$33.25 to keep these cows they would give less, for we keep our cows at the lowest possible cost and still keep up their production. Then in addition we must add six dollars' worth of butter, 24 pounds to the amount, for that was what the creamery charged for making two hundred pounds. This shows that it cost 157 pounds of strictly first class creamery butter to keep our cows. Now the entire herd averaged within a small fraction of 400 pounds per cow. Call it 400 pounds. This leaves us in butter alone 243 pounds as gain over cost of food or a profit of \$60.75 per cow not counting the skim milk.

Now, take the man whose cows averaged 200 pounds, and thousands of them don't average that. It cost him 157 pounds of butter to keep his cow, and if it didn't cost him that he got less butter. Subtract 157 from 200 and we have 43 pounds of butter left for profit, or \$10.75.

Now, what is the difference?—Stated in round numbers, the 400 pound cow earned nearly 600 per cent. more net profit than did the 200 pound cow. It would

make a tremendous difference with two men getting rich if one loaned money at a net profit of 600 per cent. over the other.—Yet \$60.75 is nearly 600 per cent. greater than \$10.75. The effect on a man's progress in the increased net profit of the 400 pound cow over the 200 pound cow, is as Mr. Gurler says, enormous. We wonder often if farmers have figured it out. It is well to remember always that only the true profit is the net profit. Now this 600 per cent. of increased profit is a promising field to enter. Here a man will find his reward for the expense of a better sire, breeding from a registered one rather than a grade or scrub, spending a little money every year to inform himself on the principles of better management all around. The stumbling block to every man is the poor cow, and the poor cow is the result of poor ideas of dairy farming.—Hoard's Dairyman.

### Pleasant Summer Drinks.

Progressive Farmer.

There can be nothing more refreshing on a hot summer's day than one of the following delicious drinks, each easy to serve. They have been selected especially for The Progressive Farmer with the view to getting materials easily obtainable and at reasonable cost.

#### PINEAPPLE LEMONADE.

One pint water, 1 quart ice water, 1 cup sugar, 1 can grated pineapple and juice of 3 lemons. Make syrup by boiling water and sugar ten minutes; add pineapple and lemon juice, strain, and add ice water.

#### FRUIT PUNCH.

One quart cold water,  $\frac{1}{2}$  cup lemon juice, 2 cups sugar, 2 cups chopped pineapple, and 1 cup orange juice. Boil water, sugar, and pineapple twenty minutes; add fruit juice, cool, strain and dilute with ice water.

#### GINGER PUNCH.

One quart cold water,  $\frac{1}{2}$  pound Canton ginger, 1 cup sugar,  $\frac{1}{2}$  cup orange juice, and  $\frac{1}{2}$  cup lemon juice. Chop ginger, add to water and sugar, boil fifteen minutes; add fruit juice, cool, strain, and dilute with crushed ice.

#### RASPBERRY VINEGAR.

Put three quarts of ripe raspberries into an earthen bowl; pour over them a quart of vinegar; at the end of twenty-four hours press and strain out the liquor and turn it over another three quarts of fresh, ripe berries. Let it stand another twenty-four hours; again express and strain the juice and to each pint add a pound of sugar, and boil for twenty minutes. Turn it into bottles and cork when cold. When used dilute the raspberry vinegar with three parts of water.

#### FRUIT SYRUPS.

Cook a quart of fruit—strawberries, blackberries, cherries, or currants, with a pint of water until well softened; then strain and press out the juice through a heavy cloth. When cold, sweeten and dilute to taste and serve in glasses filled with cracked ice.

### \$150 From Half an Acre.

The Rutherfordton, N. C., Sun tells of a neighbor who has realized \$50 from half an acre in cabbage and has thus far sold only half his crop. He thinks the whole will bring about \$100. After the cabbages are gathered he will plant it in tomatoes, thus raising two crops. He last year raised on the same land \$150 worth of cabbages and tomatoes.

### Cottonseed Flour.

The latest aspirant to a position in the lengthening line of breadstuffs headed by wheat flour is cottonseed flour, which made its formal appearance at Dallas, Texas, where bread, cakes, doughnuts, pies, tarts, crullers, biscuits, brown bread, muffins and pancakes, all contained a greater or less proportion of the flour of cottonseed.—The Roller Mill.

### Old Negro Breaks Record for Stealing Cows.

Statesville, N. C., special in the Observer: Sharpe Bell, an aged negro who has an interesting record, having spent most of his time in jail or on the chain-gang, was released from the gang a few days ago, his term having expired, and people who know his record are not anxious for him to be about their barns at night. Bell is somewhat of a kleptomaniac, cows being his particular fancy. Some years ago he was sent to the gang for stealing an animal and after serving his term he stole another cow and was again sent to serve a term on the roads. The second term had about expired in May, 1904, when he escaped from the gang and went to Davie county. A short time later he was tried in Davie for stealing a cow and was sentenced to the Randolph county chain-gang for a year. After serving his term he returned to Davie, stole another cow, and was sent to jail. The Iredell people asked that he be returned here to serve out his unexpired term and the Davie county people agreed to do this. After serving the remainder of the unexpired term, Bell was taken to Davie, tried for stealing the last cow and sentenced to the Iredell roads for 18 months. He has just finished the sentence.

### Terrific Storm in Louisville--Three Killed.

Louisville Ky, July 11.—Three persons were killed and several injured in a terrific wind storm which swept this city this evening. Many horses and mules were killed, buildings unroofed, small structures blown down and heavy damage done to shade trees all over the city. The records of the weather bureau show that the maximum velocity of the wind was 68 miles an hour during the height of the storm and the wind blew 60 miles an hour for 15 minutes. Several streets are impassable for blocks tonight, owing to the trees which litter the roadways. Street car service was suspended for several hours.

Damage at New Albany, Ind., by the storm is estimated at \$50,000.

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### Mysterious Death of Young Man in Durham.

Durham special in Charlotte Observer: Quite a mystery developed at Lakewood Park, owned by the Durham Traction Company, late this afternoon when the dead body of a white man, who proved to be Charles T. Oakley, was found floating in a standing position. He had been at work for the Singer Sewing Machine Company in this city and was also collector for the W. R. Murray Music Company for some time in the past. He reached here last Saturday and was stopping at the Biltmore Hotel. He transacted some business matters with the W. R. Murray Company Saturday and spent Sunday and yesterday up to noon at the hotel. Yesterday he ate a hearty dinner and walked up street, reserving his room at the hotel before he left. That was the last seen of him.

The body when found today was floating in a standing position. When taken out there was found a cut over one eye, bruises about the face and nose, and abrasion of the skin on both hands and one wrist. This seems to indicate that there was foul play.

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### Belton Hard Hit by Hail Storm.

Greenville special in The News and Courier: The section around Belton was visited by a terrific hail and wind storm this afternoon which did considerable damage to the crops. All wire connections with that town are cut off on account of the storm, but persons arriving here tonight from that direction say that the storm played great havoc. No fatalities are reported nor were any houses destroyed. Big hail stones fell for twenty minutes or more.

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